

This heading is concerned with handles (*including* knobs and similar attachments to articles) provided primarily to facilitate grasping by the hand or fingers and comprises:

- . inventions concerned with improving the hand grip
- . construction of handles
- . connecting handles to articles
- . modifications and attachments to handles; handles performing secondary functions; associations of handles with articles; detachable handles; machines for attaching handles to articles *not otherwise provided for*; arrangements for reducing vibration from the article
- . elements of handles

Explanation of heading subject matter and relationship with other headings

The heading is general for all the above-listed subjects in the case of hand-tool, brush, mop, cutlery and like handles; handles for pull-chains, cords, ropes and the like; handles for portable vessels and table articles; handles of unspecified or plural application

Generally excluded from the heading are:

- . carrying devices engaging part of the body *other than* the hand or fingers, *eg* carrying straps—A3V, Wearing apparel &c
- . constructions or arrangements of handles, shafts &c, as an integral part or as overall organisation of an article—headings for the article, *eg* knives, scissors—B4B, Cutting &c; containers—B8D, Portable containers &c; A4A, Portable vessels, table articles &c; sports equipment—A6D, Outdoor sports &c
- . handles forming an integral part of a paper or like bag—B8K, Paper and like bags &c
- . handles forming an integral part of a box or case—B8P, Boxes and cases
- . draw-strings and cords which also serve as carrying means—B8K, Paper and like bags &c
- . hand-operated cranks—B7E, Cycles &c; human power driving systems
- . adjustment knobs, *eg* for electrical apparatus—F2Y, Personally-actuated command apparatus
- . methods of manufacturing handles &c—headings dealing with the method

Major collections of subject-matter relating to handles for particular purposes are to be found in the following headings:

- A4G, Bags, baskets, cases &c
- A4L, Furniture &c
- A6D, Outdoor sports &c (handles for bats, clubs, mallets, rackets &c)
- B4B, Cutting &c (bow-type handles *eg* for scissors; pivoted-blade knife handles)
- B6P, Writing-appliances &c (pencil-holder type handles)
- B7E, Cycles &c; human power driving systems (bicycle hand-grips)
- B8D, Portable containers &c
- F1N, Miscellaneous compressors, vacuum pumps &c (bicycle pump handles)
- F1W, Fluid pressure reciprocating machines (pump handles)
- F2Y, Personally-actuated command apparatus (handles for personally operable input members for issuing commands to associated apparatus)

Inventions concerned with improving the hand grip on the grip portion (*ie* the portion of a handle which is intended to be gripped or otherwise contacted by the hand or fingers)

Classified here are disclosures relating to the shape, material or construction of the grip portion

Excluded are:

- . handles formed by shaping the body of a portable container—A4A, Portable vessels, table articles &c; B8D, Portable containers &c

Construction of handles *including* construction of shafts connecting grip portions to articles

Excluded are:

- . arrangements for feeding fluids through hollow handles—A4K, Brushes &c

Connecting handles to articles *including* connection of grip portions to shafts and connection thereof to articles

Excluded are:

- . connecting knobs to rotary shafts for transmitting rotation—F2U, Rollers, shafts &c

Other subjects

Classified here are various subjects that fall within the scope of this heading as set out in the Classifying Schedule

Excluded are:

- carrying devices and holders in which the article rests without fastening—headings for the article, *eg*—A4A, Portable vessels, table articles &c; A4G, Bags, baskets, cases &c

The exclusion references listed in this heading are not exhaustive. Reference should be made to the appropriate general heading/s for processes, materials, elements or devices which may be more widely applicable than can appropriately be classified in this heading

Relationship with the Universal Indexing Schedules (heading UIS)

UIS is used, subject to its indexing rules, to record uses and applications of inventions classified here

Operative date for Key entries

The operative date of the terms in this heading is that of Edition G

Classifying Schedule

inventions concerned with improving the hand grip on the grip portion (*ie* the portion of a handle which is intended to be gripped or otherwise contacted by the hand or fingers)—

- KAA . characterised solely by external shape or texture of grip portion
- KAB . ventilating or heating grip portion
- . improving grip by attachment to handle of means providing gripping surface, *eg* pad, tape, resilient sleeve—
- . . . moulded grip portion or grip portion moulded onto article—*See* terms KCB, KCK *below*
- KAC . . characterised by choice of material
- . . . involving tape or band wound about elongate member (*including* curved or annular members such as cycle handlebars, steering wheels &c)—
- . . . characterised by choice of material for tape—*See* term KAC *above*
- KAD . . . characterised by construction of tape *including* construction to facilitate securing in position
- KAE . . . other means for securing tape in position
- KAF . . . other aspects
- . . . sleeve type hand-grips—
- . . . characterised solely by external shape or texture—*See* term KAA *above*
- . . . characterised by choice of material—*See* term KAC *above*
- KAG . . . characterised by construction of sleeve
- KAH . . . other aspects
- KAJ . . gripping surface provided by a pad *other than* a sleeve, tape or band attached to a handle, knob or other object
- . . . characterised by choice of material—*See* term KAC *above*
- KAK . other *including* construction to facilitate gripping by a gloved hand, adjusting hand grip
- construction of handles *including* construction of shafts connecting grip portions to articles—
- . construction of sleeves, pads and tapes for grip portions—*See* terms KAA to KAK *above*
- KCA . characterised by choice of material
- KCN . characterised by shape or position of the handle
- . handles formed by moulding *including* article or handle cast or moulded onto a handle or article—
- KCB . . incorporating strengthening or inserts around which the handle is moulded *including* hand grips moulded about a central core at tang
- KCK . . other, *including* personalised grips
- KCP . handles (*other than* handles formed by moulding) incorporating strengthening *including* strengthening of shafts connecting grip portions to articles
- KCC . handles formed from sheet metal, tube or wire which is expanded, folded, rolled, drawn, pressed &c *including* cast metal handles
- KCL . strap, cord and other flexible handles
- KCM . handles formed by covering a former or shaft with a sheath of flexible material
- . handles formed by the assembly of two or more pieces or a single hinged piece—
- . . so as to enclose part of the article supported by the handle
- KCD . . such that the handle can telescope or change shape (*eg* to collapse for storage or adjust position of the article) *including* unitary handle retractable within the article
- . . connections between sectional handle parts—*See* terms KJ- *below*
- . . other
- KCG . handles specially constructed to absorb shocks when the article is used to strike or work on an object
- KCQ . handles specially constructed for connection to two or more articles or for connection of a single article in two or more positions on the handle
- KCR . other
- KCJ . other
- connecting handles to articles *including* connection of grip portions to shafts and connection thereof to articles—
- . by clamping part of the article between interengaging pieces of the handle—*See* term KCD *above*

- . grip portion, handle or shaft moulded onto or into the article, article moulded onto or into the grip—*See terms KCB, KCK above*
- . pivoting or rotatable connections between the handle and the article—
  - . . . allowing pivotal movement about a single axis—
  - . . . pivoted blade knives—*See B4B, Cutting &c*
- KJA . . . bail-type handles *including* handles connected to an article by a bail-type frame
- KJB . . . other
- KJC . . . allowing rotational movement of the article or the handle or knob *eg* on a spindle *including* connecting a grip portion rotatably to a shaft
- KJD . . . other, *including* movement about more than one axis
- . connections involving a member on the handle or article inserted into a socket or slot on the article or handle, the socket or slot substantially surrounding the member—
- KJQ . . . member and socket secured together by adhesive, casting, hardened plastics material, riveting or welding or the like
- KJP . . . member and socket secured together by wedging elements
  - . . . separate elastically deformable means—*See term KJR below*
- KJR . . . separate elastically deformable means or springs located between the member and the socket
- KJS . . . tangs or rods extending axially the whole length or a major proportion of the length of the handle
- KJF . . . member and socket releasably secured together *other than* by wedging elements, separate elastically deformable means or tang or rod extending axially the whole length or a major proportion of the length of the handle
- KJG . . . other
- KJH . . . connecting a handle to an article by one or more rings engaging the outer surface of the article or the handle
- KJE . . . connecting a handle to an article by a relative sliding movement between the handle and the article
- KJK . . . connecting a bail-type handle rigidly to opposite sides of an article *including* rigidly connecting bail-type frames to opposite sides of an article, the frames being connected to handles
- KJL . . . connecting a handle to an article by one or more clamps engaging the article or the handle *including* recessed-back and like handles
  - . . . *See also* Indexing Schedule *below*
- KJM . . . connecting strap handles to articles
- KJU . . . detachably securing a handle to an article *other than* by a member and socket releasably secured together, a ring or clamp engaging the article or relative sliding movement between the handle and the article
  - . . . in one of a number of predetermined positions—*See term KJW below*
- KJW . . . detachably securing a handle to an article in one of a number of predetermined positions
- KJN . . . connecting a grip portion non-rotatably to a shaft extending through the grip portion
- KJJ . . . connecting a handle to a surface *not provided for above*
- KJT . . . other subjects concerned with connection of handles to articles
- other subjects
  - . handles performing secondary functions—
  - KSA . . . accommodating ancillary items in or on handle (*eg* screwdriver components in handle)
  - KSB . . . article partly or fully retractable within the handle or pivotable to a position within the handle or reversed and enclosed in the handle *including* article located in a casing movable to form extension of the handle
    - . . . pivoted blade knives—*See B4B, Cutting &c*
  - KSC . . . other secondary functions
  - KSD . . . insulating handles against heat or electricity
  - . . . construction of grip or handle—*See terms KA-, KC- above*
  - KSE . . . detachable handles for use with articles without special modification of the latter (*ie* usable without the handle in position)
    - . . . rings or clamps—*See terms KJH, KJL above*
    - . . . slidable connections—*See term KJE above*
  - KSR . . . associations of a handle simultaneously with two or more articles
  - KSP . . . associations of two or more handles and/or hand grips with each other or with an article
  - KSM . . . arrangements for preventing or reducing vibration transmitted from an article
  - KSF . . . associations of handles with articles not normally provided with handles
  - KSG . . . guards, shields, buffers and protectors
  - KSH . . . attachments to and modifications of handles for hanging or standing up or preventing loss (*including* wrist and finger straps)
  - KSJ . . . attachments to and modification of handles for decoration or display of information
  - KSL . . . attachments to and modification of handles to enable the forearm of a user to become a rigid extension of the handle
  - KBA . . . arrangements concerned with both the construction of the handle and the connection of the handle to an article
  - KDA . . . associations of two or more connections between an article and the handle
  - KMA . . . machines for attaching handles to articles *not provided for in other headings*
  - KSK . . . other subjects *not provided for above*

- elements—  
· wedging elements—*See* term KJP *above*  
KEA · construction of bolsters, ferrules, tangs and like elements  
KEB · construction of sockets and separate socket members  
KEC · construction of braces  
KEX · other

Indexing schedule for term KJL

- details of clamps connecting a handle to an article  
K101 · recessed-back or like holder  
K102 · the clamp being snap-fitted onto the article  
K104 · the clamp comprising a bolt, peg, pin, screw, stud or the like  
K106 · the clamp comprising a flexible or rigid loop of material or a rod engaging the article  
K107 · the clamp comprising a single plate against which the article is clamped *other than* as in term K106 *above*  
K108 · the clamp comprising at least one inherently resilient jaw movable into or out of engagement with the article  
    against the bias of the jaw  
    · channel section member—*See* term K112 *below*  
K110 · the clamp comprising at least one pivotally mounted jaw or plate  
K112 · the clamp comprising at least one channel section member into which the article is inserted  
K114 · the clamp comprising at least one slidable jaw  
K116 · the clamp comprising at least two clamping plates engaging the outer surface of the article  
K118 · the clamp having an internal or expanding grip  
K120 · the clamp holding a fabric or sheet material on a backing plate  
K122 · other details of clamps